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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/528,306

08/25/2005

Benoit Thevenot

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7590

10/05/2006

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EXAMINER

KIM, TAE W

ART UNIT

PAPER NUMBER

2876

DATE MAILED: 10/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/528,306

Applicant(s)

THEVENOT

Examiner

Tae W. Kim

Art Unit

2876

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 March 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 March 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 3/17/05, 7/31/06.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1, 3, and 7 are rejected under 35 U.S.C. 102(e) as being anticipated Usami (US 6440773 B1).

Re claim 1: Usami discloses a card like object comprising a card body comprising a first face, the first face being at least partially graphically personalized (fig 2, col 7 lines 42-45), an antenna being embedded in the card body (fig 1 parts 15 & 16, col 6 lines 61-67), the card body being provided with a cavity (fig 1, fig 41 – i.e. recess, col 1 42-47), the cavity comprising a contact chip (fig 1 & 3 parts 19a), wherein a cavity further comprises the contactless chip (fig 6 part 62, fig 11, col 1 lines 58-67, col 3 lines 34-38), the contactless chip being electrically connected to the antenna with connecting means (figs 42 & 43).

Re claims 3: Usami discloses a card like object according to claim 1, wherein the connecting means is a conductive adhesive (fig 1 part 19, fig 41, col 1 lines 60-61).

Re claims 7: A card like object according to claim 1, wherein the contact chip and the contactless chip are in a side-by-side configuration (fig 2, fig 37, 39-43 col 1 lines 58-67).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Usami (US 6440773 B1) in view of Carpier (US 6568600 B1).

Re claims 2: Usami discloses a card like object according to claim 1.

However, Usami does not disclose or fairly suggest that the connecting means is a conductive track.

Carpier however discloses that the connecting means is a conductive track (col 2 lines 39-46).

Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to add Carpier's a conductive track to Usami's card like object for the purpose of implementing a reliable and inexpensive connection.

5. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Usami (US 6440773 B1) in view of Laroche (US 6566163 B1).

Re claims 4: Usami discloses a card like object according to claim 1.

However, Usami does not disclose or fairly suggest that the connecting means is a metallic wire.

Laroche however discloses that the connecting means is a metallic wire (abstract).

Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to add Laroche's a metallic wire to Usami's card like object for the purpose of implementing a reliable and inexpensive connection to the antenna.

6. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Usami (US 6440773 B1) in view of Fujikawa (US 20010050138 A1).

Re claims 5: Usami discloses a card like object according to claim 1

However, Usami does not disclose or fairly suggest that the connecting means is a liquid.

Fujikawa however discloses that the connecting means is a liquid (par. 0009).

Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to add Fujikawa's liquid connecting means to Usami's card like object for the purpose of implementing a reliable and inexpensive connection between the antenna and the chip.

7. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Usami (US 6440773 B1) in view of Wallace (US 20030183914 A1).

Re claims 6: Usami discloses a card like object according to claim 1 comprising the contact chip and the contactless chip.

However, Usami does not disclose or fairly suggest that the chips are in a stacked configuration.

Wallace however discloses that the chips are in a stacked configuration (par. 0004).

Therefore, it would have been obvious at the time the invention was made to a person having ordinary skill in the art to incorporate Wallace's teaching that the chips are in a stacked configuration to Usami's card like object for the purpose of reducing the footprint of the chips on the surface of the substrate, which can further promote the overall reduction of the form-factor for the card like object.

Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tae W. Kim whose telephone number is 571-272-5971. The examiner can normally be reached on Mon-Fri 7AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on 571-272-2398. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

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like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Tae W. Kim

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Patent Examiner

TWK



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